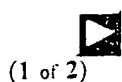


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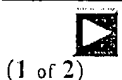
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 (54) ISOLATED MAMMALIAN NEURAL STEM CELLS, METHODS OF MAKING SUCH CELLS, AND METHODS OF USING SUCH CELLS
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 (81) AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW ; AP (GH, GM, KE, LS, MW, SD, SZ, UG, ZW); EA (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM); EP (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE); OA (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG)

No Image Available.

Abstract

Using a novel culture approach, previously unknown populations of neural progenitor cells have been found within an adult mammalian brain. By limiting cell-cell contact, dissociated adult brain yields at least two types of cell aggregates. These aggregates or clones of stem/precursor cells can be generated from adult brain tissue with significantly long postmortem intervals. Both neurons and glia arise from stem/precursor cells of these cultures, and the cells can survive transplantation to the adult mammalian brain.



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